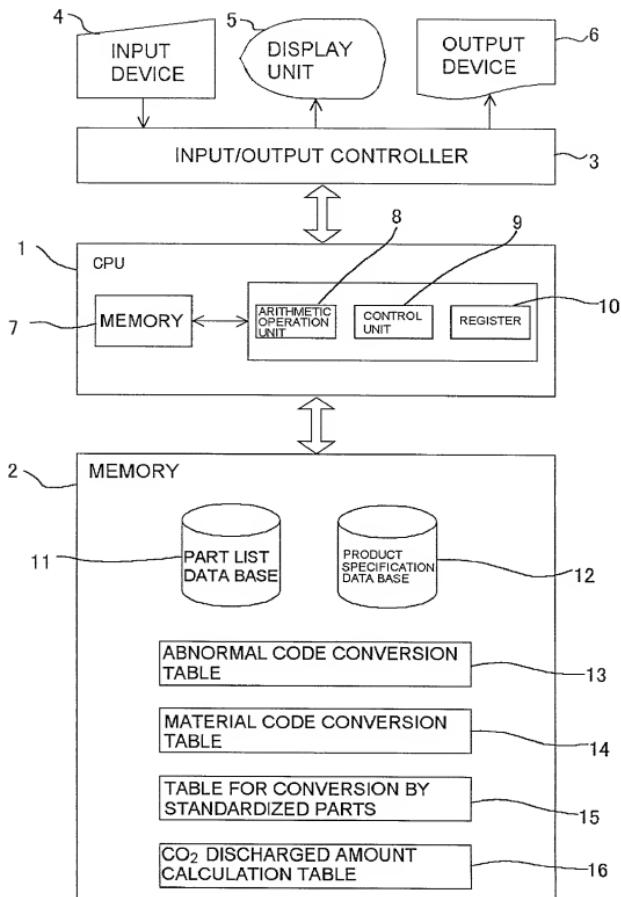


FIG. 1



0902112, 071101

FIG. 2

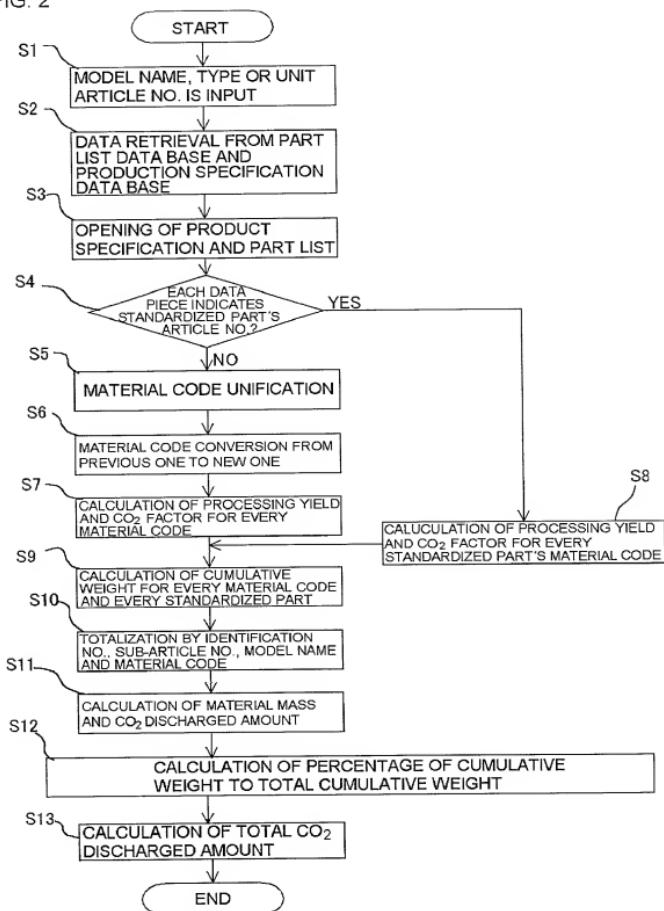


FIG. 3

(a) A LIST BEFORE EXTRACTION OF STANDARDIZED PART'S ARTICLE NUMBERS

TECHNICAL CONFIGURATION TEMP									
IDENTIF.	ARTICLE	MODEL	MATERIAL	ARTICLE	PARENT	ARTICLE	COMPONENT	QUANTITY	TOTAL
CATION	NAME	CODE	NAME	NO.	ARTICLE	NAME	NO.	WEIGHT	CUMULATIVE
10298	1	PC200	SS41P	A		a	20	100	20000
10298	1	PC200	9 SS41B	A		b	30	80	20000
10298	1	PC200	9 SS41P	A		c	25	300	20000
10298	1	PC200	9 SS40B	A		d	40	80	20000
10298	1	PC200	95840B	A		e	15	120	20000
10298	1	PC200	XXXXXXXX	01010XXXXX	A		20	60	20000
10298	1	PC300	SS41P	A		a	30	20	30000
10298	1	PC200	YYYYYYY	01020XXXXX	B		25	40	20000
10298	1	PC200	ZZZZZZZ	01030XXXXX	C		10	90	20000
10298	1	PC400	JISS541P	A		a	5	12	40000
10298	2	PC400	9 SS41P	B		a	5	10	40000
10298	3	PC400	SS40P	C		a	5	15	40000
10298	4	PC400	SS41P	D		a	5	20	40000

(b) A LIST BEFORE MATERIAL CODE UNIFICATION

TECHNICAL CONFIGURATION TEMP									
IDENTIF.	ARTICLE	MODEL	MATERIAL	ARTICLE	PARENT	ARTICLE	COMPONENT	QUANTITY	TOTAL
CATION	NAME	CODE	NAME	NO.	ARTICLE	NAME	NO.	WEIGHT	CUMULATIVE
10298	1	PC200	SS41P	A		a	20	100	20000
10298	1	PC200	9 SS41B	A		b	30	80	20000
10298	1	PC200	9 SS41P	A		c	25	300	20000
10298	1	PC200	9 SS40B	A		d	40	80	20000
10298	1	PC200	95840B	A		e	15	120	20000
10298	1	PC300	SS41P	A		a	30	20	30000
10298	1	PC400	JISS541P	A		a	5	12	40000
10298	2	PC400	9 SS41P	B		a	5	10	40000
10298	3	PC400	SS40P	C		a	5	15	40000
10298	4	PC400	SS41P	D		a	5	20	40000

(c) STANDARDIZED PARTS ARTICLE NUMBERS

TECHNICAL CONFIGURATION TEMP									
IDENTIF.	ARTICLE	MODEL	MATERIAL	ARTICLE	PARENT	ARTICLE	COMPONENT	QUANTITY	TOTAL
CATION	NAME	CODE	NAME	NO.	ARTICLE	NAME	NO.	WEIGHT	CUMULATIVE
10298	1	PC200	XXXXXXXX	01010XXXXX	A		20	60	20000
10298	1	PC200	YYYYYYY	01020XXXXX	B		25	40	20000
10298	1	PC200	ZZZZZZZ	01030XXXXX	C		10	90	20000

B

A

FIG. 4

4

(a) A LIST AFTER MATERIAL CODE UNIFICATION

TECHNICAL CONFIGURATION TEMP					
IDENTITY	SUB-CATNO	MATERIAL NO.	ARTICLE NO.	COMPONENT NO.	TOTAL QUANTITY
10298	1	PC200	SS41P	A	20
10298	1	PC200	9SS41B	A	30
10298	1	PC200	9SS41P	A	25
10298	1	PC200	9SS40B	A	40
10298	1	PC200	9SS41B	A	15
10298	1	PC200	9SS41P	A	5
10298	2	PC400	9SS41P	B	15
10298	3	PC400	SS40P	C	5
10298	4	PC400	SS41P	D	5

(b) ABNORMAL CODE CONVERSION TABLE

ABNORMAL MATERIAL CODE CONVERSION TABLE					
ABNORMAL MATERIAL CODE	ABNORMAL ARTICLE CODE	MATERIAL CODE	MATERIAL CODE	ABNORMAL ARTICLE CODE	MATERIAL CODE
SS41P	SS41P	9SS41P	9SS41P	SS41P	9SS41P
JSS40B	JSS41P	9SS41P	9SS40B	JSS40B	9SS40B
9SS40B	9SS41B	9SS41B	9SS41B	9SS40B	9SS41B
9SS40B	9SS41P	9SS41P	9SS40B	9SS40B	9SS41P

(c) MATERIAL CODE CONVERSION TABLE

MATERIAL CODE CONVERSION TABLE					
MATERIAL CODE (BEFORE CONVERSION)	MATERIAL CODE (AFTER CONVERSION)	PROCESSING CO ₂ FACTOR	PROCESSING CO ₂ YIELD	MATERIAL CODE (BEFORE CONVERSION)	MATERIAL CODE (AFTER CONVERSION)
SS400P	SS400P	0.70	1.389	SS400B	SS400B
SS41P	SS400P	0.60	0.314	SS41P	SS400B
SS41B	SS400B	0.60	0.314	SS41B	SS400B
9SS41B	SS400P	0.60	0.314	9SS41B	SS400P
9SS41P	SS400B	0.60	0.314	9SS41P	SS400B
9SS40B	SS400B	0.60	0.314	9SS40B	SS400B

(d) A LIST AFTER MATERIAL CODE UNIFICATION

TECHNICAL CONFIGURATION TEMP					
IDENTITY	SUB-CATNO	MATERIAL NO.	ARTICLE NO.	COMPONENT NO.	TOTAL QUANTITY
10298	1	PC200	SS40P	A	20
10298	1	PC200	SS40B	A	30
10298	1	PC200	SS40P	A	25
10298	1	PC200	SS40B	A	40
10298	1	PC200	SS40B	A	15
10298	1	PC300	SS40P	A	30
10298	1	PC400	SS40P	A	5
10298	2	PC400	SS40P	B	5
10298	3	PC400	SS40P	C	5
10298	4	PC400	SS40P	D	5

FIG. 5

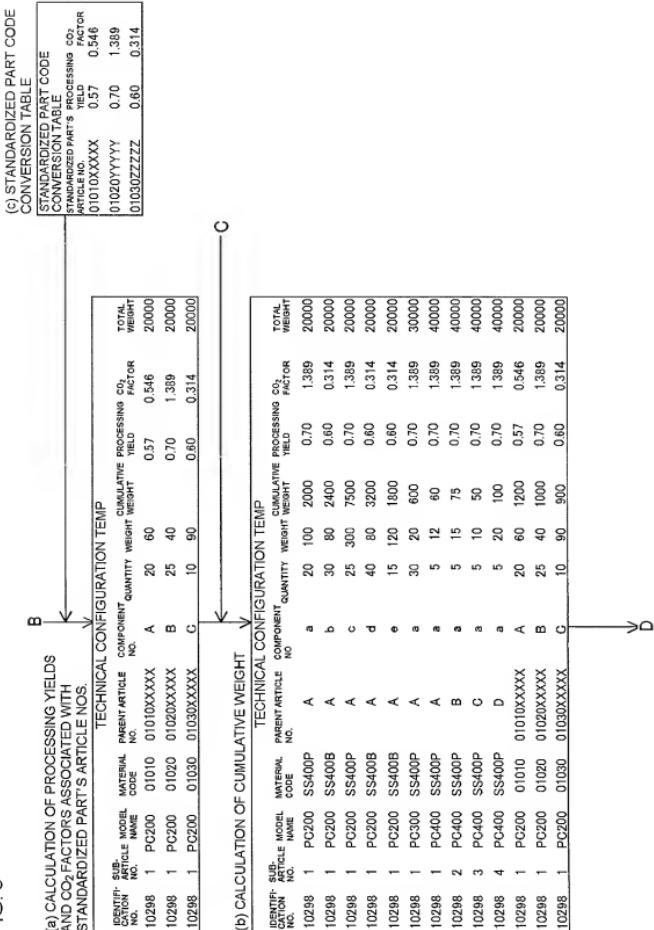


FIG. 6

D (a) TOTALIZATION BY IDENTIFICATION NO.,
 ↓ SUB-ARTICLE NO., MODEL NAME AND MATERIAL CODE

TECHNICAL CONFIGURATION TEMP								
IDENTIFICATION NO.	SUB-ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PROCESSING YIELD	CO ₂ FACTOR	TOTAL WEIGHT
10298	1	PC200	SS400P	A	9500	0.70	1.389	20000
10298	1	PC200	SS400B	A	5600	0.60	0.314	20000
10298	1	PC200	SS400B	A	1800	0.60	0.314	20000
10298	1	PC300	SS400P	A	600	0.70	1.389	30000
10298	1	PC200	01010	01010XXXXX	1200	0.57	0.546	20000
10298	1	PC200	01020	01020XXXXX	1000	0.70	1.389	20000
10298	1	PC200	01030	01030XXXXX	900	0.60	0.314	20000
10298	1	PC400	SS400P	A	60	0.70	1.389	40000
10298	2	PC400	SS400P	B	75	0.70	1.389	40000
10298	3	PC400	SS400P	C	50	0.70	1.389	40000
10298	4	PC400	SS400P	D	100	0.70	1.389	40000

↓ (b) CALCULATION OF MATERIAL MASS AND
 CO₂ DISCHARGED AMOUNT

TECHNICAL CONFIGURATION TEMP								
IDENTIFICATION NO.	SUB-ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PROCESSING YIELD	MATERIAL MASS	CO ₂ DISCHARGED AMOUNT
10298	1	PC200	SS400P	A	9500	0.70	13571	18850
10298	1	PC200	SS400B	A	5600	0.60	1500	0.314
10298	1	PC200	SS400B	A	1800	0.60	3000	0.314
10298	1	PC300	SS400P	A	600	0.70	857	1190
10298	1	PC200	01010	01010XXXXX	1200	0.57	2105	0.546
10298	1	PC200	01020	01020XXXXX	1000	0.70	429	1.389
10298	1	PC200	01030	01030XXXXX	900	0.60	1429	0.314
10298	1	PC400	SS400P	A	60	0.70	57	1.389
10298	2	PC400	SS400P	B	75	0.70	107	1.389
10298	3	PC400	SS400P	C	50	0.70	71	1.389
10298	4	PC400	SS400P	D	100	0.70	143	1.389

↓ (c) CALCULATION OF PERCENTAGE

IDENTIFICATION NO.	SUB-ARTICLE NO.	MODEL NAME	MATERIAL CODE	PARENT ARTICLE NO.	CUMULATIVE WEIGHT	PER-CENT-AGE	PER-CENT-AGE	PROCESSING YIELD	MATERIAL MASS	CO ₂ FACTOR	CO ₂ DISCHARGED AMOUNT	TOTAL WEIGHT
10298	1	PC200	SS400P	A	9500	47.5	47.5	0.70	1214	1.389	18850	20000
10298	1	PC200	SS400B	A	5600	28.0	75.5	0.60	1500	0.314	2931	20000
10298	1	PC200	SS400B	A	1800	9.0	84.5	0.60	1333	0.314	942	20000
10298	1	PC200	OTHER		1200	15.5	100.0				2194	20000
					TOTAL	20000	100.0				24917	

↓ (d) TABLE FOR CALCULATION OF DISCHARGED AMOUNT BY MODEL NAME

TABLE FOR CALCULATION OF DISCHARGED AMOUNT BY MODEL NAME												
IDENTIFICATION NO.	SUB-ARTICLE NO.	MODEL NAME	UNIT FUEL CONSUMPTION	OPERATING TIME	FILLING VOLUME	REPLACEMENT TIME	THICKNESS	LENGTH	THICKNESS	LENGTH	THICKNESS	LENGTH
10298	1	PC200	A	○○	○○	○○	○○	○○	○○	○○	○○	○○

↓ E

FIG. 7

E
(a) DISCHARGE CALCULATION RESULT

DISCHARGE CALCULATION RESULT CODE			
CODE	DESCRIPTION	DISCHARGE MASS	DISCHARGE PER HOUR
Y1	MATERIAL PREPARATION STAGE	00kg	00kg/h
Y2	PROCESSING/ASSEMBLING STAGE	00kg	00kg/h
C1	MANUFACTURING STAGE FACTOR	00kg/L	
D1	CONSUMPTION STAGE FACTOR	00kg/L	
W	VEHICLE BODY MASS	00t	
V1	VOLUME OF CONSUMED FUEL (DELIVERY FROM FACTORY)	00L	00kg/h
E	FUEL CONSUMPTION	00L/h	
T	OPERATING TIME (DURABILITY)	00h	
V2	VOLUME OF CONSUMED FUEL (OPERATION STAGE)	00L	00kg/h
V3	VOLUME OF CONSUMED FUEL (DELIVERY IN JOB SITE)	00L	00kg/h
Y31	DELIVERY/OPERATION STAGE (FUEL)	00kg	00kg/h
C2	MANUFACTURING STAGE FACTOR	00kg/L	
D2	CONSUMPTION STAGE FACTOR	00kg/L	
V4	FILLING VOLUME	00L	
T0	REPLACEMENT TIME	00h	
Y32	DELIVERY/OPERATION STAGE (HYDRAULIC OIL)	00kg	00kg/h
Y3	DELIVERY/OPERATION STAGE	00kg	00kg/h
V5	VOLUME OF CONSUMED FUEL	00L	
Y41	DISPOSAL STAGE	00kg	00kg/h
C3	MANUFACTURING STAGE FACTOR	00kg/L	
D3	CONSUMPTION STAGE FACTOR	00kg/L	
t	THICKNESS	00mm	
L	FUSING LENGTH	00m	
V6	VOLUME OF CONSUMED PROPANE GAS	00L	
C4	MANUFACTURING STAGE FACTOR	00kg/L	
D4	CONSUMPTION STAGE FACTOR	00kg/L	
V7	VOLUME OF CONSUMED OXYGEN GAS	00L	
Y42	DISASSEMBLING STAGE	00kg	00kg/h
Y4	DISPOSAL/DISASSEMBLING STAGE	00kg	00kg/h
Y	CO ₂ DISCHARGE MASS	00kg	00kg/h

(b) FACTOR PARAMETER

FACTOR PARAMETER									
PROCESSING/ASSEMBLING STAGE			MANUFACTURING CONSUMPTION STAGE			DELIVERY/OPERATION STAGE			
MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR	MANUFACTURING CONSUMPTION STAGE FACTOR	MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR	MANUFACTURING CONSUMPTION STAGE FACTOR	MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR	MANUFACTURING STAGE FACTOR	CONSUMPTION STAGE FACTOR
00	00	00	00	00	00	00	00	00	00